

TOP SECRET

Air Force declass team chief reviewed previous Air Force decision at ERU request and changed to DRIF. Also relooked by DST team and DST certifier and OK'd as DRIF. So DRIF it is.

ERU FHD 10/17/00

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USAF Declass/Release Instructions On File

ANNEX "A"

OPERATIONS PLAN

40-57

1957

"OPERATIONS"

COPY 1 OF 5 COPIES

TOP SECRET CONTROL NUMBER

160627
ANNEX "A", OPERATIONS PLAN 40-57
31 July 1957

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Weather Reconnaissance SQDN PROV 3RD
Navy 3835, Fleet Post Office
San Francisco, California

31 July 1957

Annex "A", Operations Plan 40-57
31 July 1957

"OPERATIONS"

1. MISSION:

a. Upon receipt of an order of execution, deploy personnel and equipment as outlined in this Operations Plan to a designated Advance Base, for approximately 30 days.

b. Arrange for dispatch of one U-2 aircraft from Atsugi Naval Air Station to Advance Base, after Task Force is in place at Advance Base.

2. AIRCRAFT DEPLOYMENT:

a. Ferry flight of U-2 aircraft will be planned to avoid USSR or Chinese Communist radar nets. Flight plan will insure landing fuel reserve of at least 100 gallons.

3. GENERAL INSTRUCTIONS:

a. After arrival at advance base, prepare Operations facilities for subsequent overflight activities.

b. U-2 aircraft ferry configuration:

(1) Take-off fuel; 1335 gallons

(2) Take-off weight; 19,665 pounds

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(3) Minimum fuel reserve:

- (a) Maximum altitude: 100 gallons. Ferry mission will be flown at maximum altitude to avoid radar detection. Pre-computed celestial observations for speed and course line will be used.
- c. Normal Air/Sea rescue procedures apply.
- d. No special aircraft radio channelization will be required.
- e. Aircraft will launch from Atsugi Naval Air Station on a FEAF Tactical Clearance. No "l75" clearance will be filed.
- f. Standard emergency procedures will apply.

g. Emergency bases enroute:

- (1) As briefed, dependent on mission route.

h. Task Force Operations Personnel:

(1) Flight Commander

(2) Navigation Officer

(3) Weather Officer

(4) Intelligence Officer

(5) Photo Interpreter

(6) Operations Clerk

(7) Two U-2 pilots (one pilot to ferry U-2; backup pilot deploys in support aircraft)

4. TASK FORCE OPERATIONS EQUIPMENT:

- a. Operations staging kit, to include all necessary maps,

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logs, escape and evasion currency, references and supplies will be deployed. For list of equipment to be deployed, see Appendix 2, Annex "B".

b. Intelligence will have the capability to score 70MM tracker film and prepare required mission overlays.

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ANNEX "B"

OPERATIONS PLAN

40-57

1957

"LOGISTICS"

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ANNECX "B", OPERATIONS PLAN 40-57
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Weather Reconnaissance SQDN PROV 3RD
Navy 3835, Fleet Post Office
San Francisco, California

31 July 1957

Annex "B", Operations Plan 40-57
31 July 1957

"LOGISTICS"

1. SUPPLY

- a. Sufficient fuel LF-1A in barrels should be prepositioned at Advance Base.
- b. Aircraft spares will be withdrawn from Fly Away Kit of Weather Reconnaissance Squadron Provisional, 3RE, at Atsugi NAS and moved to Advance Base by support aircraft. (Appendix 1).
- c. Equipment to support 30 days operation at Advance Base (less items furnished by Base Commander) will be moved from Atsugi NAS to Advance Base by support aircraft. (Appendix 2).
- d. Messing and housing will be provided by Commander, Advance Base.
- e. Commander, Advance Base, will provide normal supply support of standard Air Force items if required. It is anticipated that Task Force will be self sufficient.

2. TRANSPORTATION:

- a. Far East Air Force will provide airlift from Atsugi NAS to

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Advance Base, for Task Force personnel, equipment and supplies. Airlift will be requested by Project Headquarters.

b. Surface transportation at Advance Base will be provided by Commander, Advance Base. Surface transportation requirements are listed in Appendix 3.

3. SERVICE:

a. Medical:

(1) Commander, Advance Base will provide personnel medical and hospital facilities if needed.

b. Maintenance:

(1) Hangar space for one U-2 aircraft will be provided by Commander, Advance Base.

(2) Electrical Support Equipment (MA-2), necessary power and miscellaneous maintenance equipment (standard Air Force items), maintenance shop facilities and minor facility modification will be the responsibility of Commander, Advance Base.

(3) Commander, Advance Base will provide necessary ground handling equipment and personnel support (if required) to load and unload support aircraft at Advance Base.

c. Finance:

(1) Finance matters to include advance per diem payment will be as directed by Commander, WRSP-3.

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4. PERSONNEL:

- a. Personnel requirements for the Task Force listed in Appendix 4.
- b. Replacement personnel or additional personnel will be provided from resources of WRSP-3.
- c. No classification, reassignment, or transfer of personnel will be accomplished during staging period. No leaves or passes will be granted to personnel of Task Force during staging period.
- d. No mail will be mailed by individuals from the staging base. All mail will be given to the Task Force Security Officer at Advance Base who will air mail it to Post Office Box 500, North Hollywood, California. Mail will then be postmarked at North Hollywood and sent to addressee. Mail incoming to Task Force personnel from the Zone of Interior will be packaged at Atsugi NAS, Japan, and remailed to Advance Base.

5. MISCELLANEOUS:

- a. Headquarters of WRSP-3 will remain at Atsugi NAS, Japan.

APPENDICES: Appendix 1 - SUPPLIES
" 2 - EQUIPMENT
" 3 - TRANSPORTATION
" 4 - PERSONNEL

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Weather Reconnaissance SQDN PROV 3RD
Navy 3835, Fleet Post Office
San Francisco, California

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Appendix 1 (Supply) to Annex "B", Operations Plan 40-57
31 July 1957

"SUPPLY"

1. MAINTENANCE:

a. Fuel System:

| | | | |
|--------|----------------------|--------------------|---|
| 1-0465 | Transmitter | 6101-02077-1500036 | 1 |
| 2-0499 | Fuel Control, Engine | 512179 | 1 |

b. Instruments:

| | | | |
|----------|--------------------------|--------------------|---|
| 5-0063 | Radio Compass Indicator | -6234-36104-1L11A1 | 1 |
| 1-0259.1 | Clock, Elapsed Time - MS | 28020-4 | 1 |
| 1-0062.1 | EGT Indicator | -132706 | 1 |

c. Electrical:

| | | | |
|----------|-------------------------|--------------|---|
| 1-0232.1 | Amplifier, EGT | -SP-184-012E | 1 |
| 1-0233 | Amplifier, MAG | SP-17532-3 | 1 |
| 1-0236.1 | Battery | -SP-20V0-35 | 1 |
| 1-0370 | Bulbs, Instrument Light | SP-260-BPRP | 1 |

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Appendix 1 to Annex "B", Operations Plan 40-57
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~~TOP SECRET~~c. Electrical (Cont'd)

| | | | |
|----------|---------------------------|----------------------|---------|
| 1-0495 | Bulbs, Warning Light | 6240-155-8714 | 1 |
| | Buttons, Emerg Face Heat | BS-12205-Snap Button | 2 (Kit) |
| 8-00456 | Circuit Breaker | -SP-M500-5 | 2 |
| 8-00457 | Circuit Breaker | -SP-M500-10 | 2 |
| 1-0102.1 | Fan, Defrost | -SP-R-161 | 2 |
| 8-0447 | Fuses, 15 Amp | 5920-296-0443 | 2 |
| 8-0448 | Fuses, 1 Amp | 5920-296-0531 | 3 |
| 8-0446 | Fuses, 2 Amp | 5920-221-4522 | 2 |
| 1-0364.1 | Inverter, Instrument | -SP-12142-1 | 1 |
| 1-366.1 | Landing Lights | 8870-804000-875 | 2 |
| 1-0414 | Rheostat, Face Heat | SP-PW-50-C4-SPST | 1 |
| 1-0433.2 | Switch, Surge Bleed Valve | 5930-253-8796 | 2 |
| 1-0468 | Transmitter Fuel Press. | 6143-ST6B | 1 |
| 1-0470 | Transmitter. Oil Press. | 6134-7707-30A5-1 | 1 |

d. Hydraulics:

| | | | |
|--------|----------------------------|------------------------------|---|
| 1-0051 | Dive Brake Cylinder | -SP-N-5 | 1 |
| 1-0390 | Hydro Pump | SP-66YC300 | 2 |
| 1-0469 | Press Transmitter | 2334-7609-37A5-1 | 1 |
| 1-0328 | Hose ASSY HYDRO High Press | -AN6292-8-15 | 1 |
| 1-0322 | " " " " | " -AN6292-6-13 | 1 |
| 1-0323 | " " " " | " -AN6292-6-21 $\frac{1}{2}$ | 1 |

Appendix 1 to Annex "B"
 Operations Plan 40-57
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~~TOP SECRET~~d. Hydraulics (Cont'd)

| | | |
|--------|------------------------------------|---|
| 8-0628 | Filter Hyd. Press & Return Line | 1 |
| 1-0224 | Accumulator, Hyd. 4831-1356-512465 | 1 |

e. Cockpit Pressurization & Heating

| | | |
|--------|--|---|
| 1-0394 | Refrigerator Unit -SP-84140 | 1 |
| 1-0399 | Regulator, Cockpit Press. SP-102170-2 | 1 |
| 1-0485 | Valve, Dump Cockpit Press. SP-103102-438 | 1 |
| 1-0479 | Solenoid Operated Flow Control Valve SP-104366-1 | 1 |

f. Aircraft Parts

| | | |
|----------|---|---|
| 1-0204 | Pogos (Spare Set) -SPL-124 | 1 |
| 1-0508 | Wheels, Main Gear, Tire Mounted -SP-9531606 | 4 |
| 1-0509 | Wheels, Tail Gear -SP-AN7534-A5 | 2 |
| 1-0487 | Valve Assy Air High Press. -AN6287-1 | 1 |
| 1-0473.1 | Valve Stem for Tubeless Tires -SP-V5-743 | 2 |
| 1-0370.1 | Brake Pucks (One Set) SP-95-22327 | 1 |

2. PHOTO:

| | | | |
|--------|-----------------------------|--|---------|
| 8-0445 | Fuse, Cartridge, Time Delay | FSNA-5920131-9820 32HK3 730151-025 | 5 ea |
| 4-0014 | Crystal Unit, IN-92 | FSNA-5960-270-9093 32HKL 730145-002 | 5 ea |
| 8-0476 | Tape, Black Elec | FSNA-5970-296-3307 32HK8-735453-013 | 2 rolls |
| 8-6483 | Battery, Flashlight | FSNA-6135-120-1020 32HK8-735453-027 | 12 ea |
| 4-0025 | Developer, D-19 | FSNA-6750-286-2692 32HK8 735453-040 | 4 cans |

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TOP SECRET2. PHOTO (Cont'd)

| | | | |
|----------|--|--|---------|
| 8-0510 | Sponge, Cellulose | FSNA-7920-251-3336 32HK8 735453-039 | 3 ea |
| 8-1154 | Solder | 6800-387500 | 1 lb |
| 4-0024 | Powders, Hypo (Enough for 40 gal.) | 6750-153-8920 | 8 cans |
| 4-0029 | Tape, Photo Black | 7510-141-5379 32HK8-735453-043 | 6 rolls |
| 4-0027 | Hypo (Mix for 40 gal.) | 6750-598-2938 | 100 lbs |
| * 4-0069 | Assy, Case Drive, A-2 | 32HK2 731170 | 1 ea |
| * 4-0078 | IMG Assy, A-2 | 32HK2 731880 | 1 ea |
| * 4-0115 | Shutter, Assy HS-731 | 32HK2 737500 | 1 ea |
| 4-0044 | Resistor, 75 Ohm 1 Watt | 32HK3 730104 | 3 ea |
| 4-0082 | Belt, Film Drive | 32HK3 732002-066 | 1 ea |
| 4-0083 | Drive Assy, Film | 32HK3 732125 | 1 ea |
| 4-0084 | Assy, Motor and Gear Box | 32HK 738209E | 1 ea |
| 4-0085 | Gear Key, Mode | 32HK3 732387 | 1 ea |
| 4-0092 | Assy, Programmer | 32HK3 732610 | 1 ea |
| 4-0094 | Agastat | 32HK3 732654 | 1 ea |
| 4-0097 | Assy, Junction Box | 32HK3 732670 | 1 ea |
| 4-0100 | Key, Gear Mode | 32HK3 732906 | 1 ea |
| 4-0119 | Assy, Take up drive (Already drawn out) | 32HK3 737734 | 2 ea |
| 4-0120 | Valve Assy, Vacuum | 32HK3 737769 | 1 ea |

Appendix 1 to Annex "B"
 Operations Plan 40-57
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* ONLY NEEDED WITH A-1 OR A-2.

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~~TOP SECRET~~2. PHOTO (Cont'd)

| | | | |
|--------|---|-------------------------------------|-------|
| 4-0115 | Assy, Shutter | 32HK3 737500 | 3 ea |
| 8-0445 | Fuse, Slo-Blo, 2 Amp Fusetron MDL-2 | 32HK3 730151-025 5920-131-9820 | 10 ea |
| 4-0033 | Actuator, Microswitch V-5-1 JV-5 MSW | 32HK3 730129-002 | 6 ea |
| 8-0963 | Ring, Retainer, Truarc | 5100-31V 32HK3 730187-063 | 12 ea |
| 4-0006 | Microswitch, V3-1 | 5930-253-8796 32HK3 732002-020 | 2 ea |
| 4-0004 | Circuit Breaker, D6752-1-5 | 5925-257-6836 32HK3 732652-086 | 1 ea |
| 8-0493 | Lamp, Vertical Indicator GE-327 | 8870-936000-555 32HK3 732702-009 | 2 ea |
| 4-0044 | Resistor, 73 Ohm-75 Ohm, 2 W | HK 730104-009 | 2 ea |
| 4-0046 | Relay, Time Delay HFO4N028V | HK 730125-13 | 2 ea |
| 4-0047 | Relay | HK 730125-18 | 2 ea |
| 4-0048 | Relay, DPDT Globe 2A56556 | HK 730125-21 | 2 ea |
| 4-0049 | Relay, Time Delay GVHFOLN028 | HK 730125-26 | 2 ea |
| 4-0051 | Milliswitch B2 | HK 730129-026 | 2 ea |
| 4-0052 | Diode S3W3PL | HK 730145-003 | 1 ea |
| 4-0053 | Diode IN152 | HK 730145-004 | 2 ea |

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~~TOP SECRET~~2. PHOTO (Cont'd)

| | | | |
|----------|----------------------------|-----------|------|
| * 4-0070 | Coupling, Overload Release | HK 731174 | 1 ea |
|----------|----------------------------|-----------|------|

3. SEXTANT:

| | | | |
|-----------|-------------------|--------------------|------|
| 11-0021 | Roof Mirror | BA-CR44-4 | 1 ea |
| 11-NL | Large A/C Lamps | GE-327-BA-AR44-351 | 3 ea |
| 11-NL | Small A/C Lamps | GE-327-BA-AR44-352 | 3 ea |
| 11-0009.2 | Averager Assembly | BA-CR44-32 | 1 ea |
| 11-0031 | Sextant | BA-5111-16 | 1 ea |

4. AUTO PILOT:

| | |
|---------------------------|---|
| Tool Box | 1 |
| Miscellaneous Spare Parts | 1 |
| Test Equipment | 1 |

5. MEDICAL:

| | |
|-----------------------|---|
| -3 Hose | 1 |
| Electric Tape | 1 |
| O-Rings | 1 |
| Silicone Tube | 1 |
| Ky Jelly | 1 |
| Records | 1 |
| Adapter Oxygen Refill | 1 |

Appendix 1 to Annex "B"
 Operations Plan 40-57
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6. Section heads will be responsible for boxing, cubing and marking of supplies under their control. Packing lists will be prepared in accordance with Mobility Plan. They will coordinate with Flyaway Kit Section on supplies from the kit to assure that all required items have been included.

7. Weighing of boxes will be supervised by the Squadron Mobility Officer, who will be responsible for the preparation of aircraft loading manifests.

8. The Squadron Mobility Officer will be responsible for formation of teams to handle cargo, drive forklifts, and assist in loading support aircraft.

Appendix 1 to Annex "B"
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Weather Reconnaissance SQDN PROV 3RD
Navy 3835, Fleet Post Office
San Francisco, California

31 July 1957

Appendix 2 (Equipment) to Annex "B", Operations Plan 40-57
31 July 1957

"EQUIPMENT"

1. The following list of equipment will be deployed by support aircraft. Section heads will assure that all designated equipment is properly boxed, cubed and marked; and packing lists prepared in accordance with the Squadron Mobility Plan.

a. Maintenance:

| | |
|-----------------------|------|
| Fuselage Cart | 1 ea |
| Engine Track Assembly | 1 ea |
| "A" Frame | 1 ea |
| Wing Stands | 2 ea |

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Appendix 2 to Annex "B" Operations Plan 40-57
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~~TOP SECRET~~a. Maintenance (Cont'd)

| | |
|---|-----------|
| Bubble Covers | 1 set |
| Pitot Cover | 1 ea |
| Gear Lock Pins | 1 set |
| Pogo Pins | 1 set |
| Ground Wire | 1 ea |
| Wheel Chocks | 1 ea |
| Main Wheel Ramp | 1 ea |
| Dip Stick | 1 ea |
| Chamois and Sponge | |
| Diaper Cloth | 1 roll |
| Bottle Joy Cleaner | 1 ea |
| Bottle Plastic Cleaner | 1 ea |
| Rags | 25 lbs. |
| Masking Tape & Gum Tape | 1 ea roll |
| Can Opener | 1 ea |
| Funnel Engine Oil | 1 ea |
| Anti-seize Oxygen Paste | 1 can |
| Dow Corning Compound | 1 tube |
| Bottle Sherlock Gas & Air Leak Detector | 1 bottle |
| Hi-Temp Grease | 1 can |

Appendix 2 to Annex "B"
 Operations Plan 40-57
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~~TOP SECRET~~a. Maintenance (CONT'D)

| | |
|--------------------------|--------|
| Luber Plate Grease | 1 can |
| Molykote | 1 can |
| Rubber Mats | 2 ea |
| Stock List | 1 ea |
| E-M Manual | |
| Tire Gauge | 1 ea |
| Tension Meter | 1 ea |
| Drills | 1 set |
| Caulking Gun | 1 ea |
| Wash Gun | 1 ea |
| Torque Wrenches | |
| 1/4 Dr. 50-100 | 1 ea |
| 3/8 Dr. 100-500 | 1 ea |
| 1/2 Dr. 500/1500 | 1 ea |
| AFT Section Dolly Pads | 1 set |
| Spot Lights | 2 ea |
| Equipment Bay Hoist | 1 ea |
| Ladders, 4 feet & 6 feet | 1 ea |
| Tank Seal Putty | 1 case |

Appendix 2 to Annex "B"
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~~TOP SECRET~~a. Maintenance (Cont'd)

| | |
|--------------------------|---------|
| MSP | 1 kit |
| Flat Cart | 1 ea |
| Airspeed & Static Tester | 1 ea |
| Rectifier Cart | 1 ea |
| Hydro Pot | 1 ea |
| Hydro Oil | 4 gal |
| Engine Oil | 2 cases |
| Tool Box, Mechanic | 4 ea |

b. Photo:

| | |
|---|-----------------------|
| "B" Configuration, with fixtures and slings | 1 or 2 as HQS directs |
| "A-2" Configuration, with fixtures and slings | 1 or 2 as HQS directs |
| Battery and Vacuum cart, with dry batteries | 1 |
| Trackers, (1 in aircraft) | 2 |
| Hatch Cart | 1 |
| Electric Test Set | 1 |
| Recorder | 1 |

Appendix 2 to Annex "B"
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~~TOP SECRET~~b. Photo (Cont'd)

| | |
|---|--|
| B-5 Processing Kit | 1 |
| Purging Fixtures | 1 |
| Small Flat Dollies | 1 |
| Office Kit | 1 |
| Prints | |
| Manuals | |
| Vacuum Cleaner | 1 |
| Miscellaneous Supplies | |
| Tool Boxes | 4 ea |
| "A-2" Film Load, | 0018 0-1-1800 |
| "B" Film Load Possible Substitution - and | 0-2-4000AR (Respoled) 0-2-400AR 0-2-6000AR |
| Tracker Film | 4 cans |
| A-10-A Film Drier | 1 |
| Battery Charger | 1 |
| Extension Cord with Adapter Plugs and Lights | 2 ea |
| Hatch Window Covers | 2 spare sets for "A" and "B" Hatches |
| Hammer, Nail Puller, Banding Set | 1 ea |
| Assorted Solvents, Cleaners, Grease, Oil | |
| Assorted Tapes | |
| Miscellaneous Hook-up Wire | |

Appendix 2 to Annex "B"
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~~TOP SECRET~~b. Photo (Cont'd)

| | |
|--|------|
| Assorted Hardware Kit | 1 |
| Simpson Multiplier | 1 |
| Test Leads | 4 |
| Spare Spools for "B" Configuration | 2 ea |
| 100 Foot Spools for Clips, with Cans | 4 ea |
| "B" Film Spool Saddle | 1 |
| Film Wrapping Paper | |
| Film Spool Shafts, 2 | 2 ea |
| Spare Aluminum Shipping Flanges | 4 |
| Kimwipes | |
| Lens Cleaning Kit | 1 |
| Installation Tool Kit, Special Wrenches, Sockets | |
| Test Cable for Tracker | 1 |
| Spare Forward Bulkhead Shackle and Fitting | 1 |
| Special Tracker and Drift Sight Tools (Set) | 1 |

c. Sextant:

| | |
|----------------------------|---|
| Tool Box | 1 |
| Sextant Holder, BA-DR44-20 | 1 |
| Tripod, BA-AR44-364 | 1 |

Appendix 2 to Annex "B"
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TOP SECRETc. Sextant (Cont'd)

| | | |
|-------------------------------|--------------|---|
| Sextant Control Knobs, | BA-AR44-416 | 2 |
| Sextant Lighting Control Box, | BA-AR44-417 | 1 |
| Viewing Lens, | BA-AR44-419 | 1 |
| Lens Paper, | BA-AR44-423 | 1 |
| Sextant | 511 Mod. No. | 1 |

d. Operations

| | |
|----------------------------|------|
| Operations Mobility Kit | 1 ea |
| Typewriter, 16" Carriage | 1 ea |
| Map Books | |
| Field Safe | 1 ea |
| Light Table, 70 MM Tracker | |

e. Communications:

| | |
|--|------|
| Systems I Test Set with Cords and Monitor Box | 1 ea |
| Systems I Horns and Tripod | 1 ea |
| Systems I Buzzer | 1 ea |
| Systems I Instruction Book | 1 ea |
| Systems I X Band Dishes with Mounting Brackets | 2 ea |
| Systems I Information Amplifiers | 2 ea |
| Systems I Recorders, Loaded w/Tape, w/Test Cords | 3 ea |

Appendix 2 to Annex "B"
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~~TOP SECRET~~e. Communications (Cont'd)

| | |
|--|-------|
| Systems I Philco Pre-amplifiers | 2 ea |
| System I Supply Reels Fully Loaded with Tape | 4 ea |
| Systems III Receiver with J Box | 1 ea |
| Systems III Test Set | 1 ea |
| Systems III Power Supply and Blower | 1 ea |
| Systems III Hand Book | 1 ea |
| Systems Check-out Sheets, Cans and Packing for Reels | |
| ARC-34, with Control Head, Spare Antenna | 1 ea |
| ARN-6, with Tuning Head | 1 ea |
| AIC-10/C823, AIC-10/DY77 | 1 ea |
| Headset and Microphone | 2 ea |
| Wattmeter, AN/URM 43A | 1 ea |
| Instruction Books on ARC-34, ARM-6 and AIC-10 | 1 ea |
| Technicians Tool Kits (Personal) | 2 ea |
| Shop Tool Kit | 1 ea |
| Carpenters Tool Kit | 1 ea |
| Multimeter | 1 ea |
| Extension Cords (50 feet) | 2 ea |
| Test Leads | 10 pr |
| Dolly | 1 ea |
| Flashlights, Lanterns | 4 ea |

Appendix 2 to Annex "B"
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~~TOP SECRET~~e. Communications (Cont'd)

Batteries, BA30, Size "D", and Penlight, as needed

Alcohol, with Swabs and Cheesecloth

Earphones, with plugs 2 ea

Handset (TS-13) 1 ea

f. Medical:

| | |
|-------------------------------|--------|
| Contour Chair | 1 ea |
| Dynamic Test Set | 1 ea |
| Seat Pack (Per Pilot) | 1 ea |
| Seat Pack (Spare) | 1 |
| Suits (Per Pilot) | 2 ea |
| Underwear (Per Pilot) | 2 sets |
| Socks (Per Pilot) | 2 pair |
| Boots (Per Pilot) | 1 pair |
| Gloves (Per Pilot) | 2 pair |
| Helmet (Per Pilot) | 1 ea |
| Helmet (Spare) | 1 ea |
| Hardhat (Per Pilot) | 1 ea |
| Hardhat (Spare) | 1 ea |
| Cable (Per Pilot) | 1 ea |
| Cable (Spare) | 1 ea |
| Faceplate (For Pre-Breathing) | 2 ea |
| Coveralls (Per Pilot) | 1 pair |

Appendix 2 to Annex "B"
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TOP SECRETf. Medical (Cont'd)

| | |
|---------------------------|------|
| Parachutes (Per Pilot) | 1 ea |
| Life Vest (Per Pilot) | 1 ea |
| Oxygen Assembly, Portable | 2 ea |
| Hose, 60 inch | 1 ea |
| Valve Reducer, with Nose | 1 ea |
| Tool Kit | 1 ea |

g. Security:

Weapons - with Holsters and Belts:

| | |
|--|------------|
| .38 Caliber (4 Inch Barrel) | 3 ea |
| .38 Caliber (2 Inch Barrel) | 3 ea |
| Ammunition, .38 Caliber | 300 rounds |
| Pilots Weapons (to be determined by pilots involved) | |
| Binoculars | 1 pair |
| Flashlights, 3 cell | 2 ea |
| Portable Search Lights | 2 ea |
| Camera, Polaroid (Land) w/film & flash equipment | 1 ea |
| Equipment Covers | 2 ea |
| Paper Bags and Barracks Bag for Classified Waste | 50 ea |
| Whistles | 3 ea |
| Pad Locks | 4 ea |
| Personnel Badges | |
| Restricted Area Signs | 3 ea |

Appendix 2 to Annex "B"
 Operations Plan 40-57
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Appendix 3, Transportation, to Annex "B", Operations Plan 40-57
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"TRANSPORTATION"

1. The following vehicles should be made available to the Task Force by the Commander, Advance Base.
 - a. Sedan, one each
 - b. 1/4 ton truck, three each
 - c. 3/4 ton truck, two each
 - d. 2-1/2 ton truck, one each

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Appendix 4, Personnel Requirements, to Annex "B"
Operations Plan 40-57 31 July 1957

"PERSONNEL REQUIREMENTS"

| | |
|------------|---|
| COMMAND | Commander |
| OPERATIONS | Flight Commander Navigation Officer Intelligence Officer Weather Officer Photo Interpreter Operations Clerk Two U-2 pilots per aircraft deployed |
| MATERIEL | Maintenance Officer Maintenance Chief Crew Chief (1 per U-2 deployed) Four aircraft mechanics Ground Power Mechanic Engine Representative Auto Pilot Representative |

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MATERIEL (Cont'd)

Sextant Representative

Four Camera Technicians

Supply NCO

COMMUNICATION

Two Cryptographers

Airborne Comm Technician

Elint Technician

SECURITY

Security Officer

Six Security Investigators

MEDICAL

Personnel Equipment Technician

Appendix 4 to Annex "B"
Operations Plan 40-57
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ANNEX "C"

OPERATIONS PLAN

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"COMMUNICATIONS"

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Annex "C", Operations Plan 40-57
31 July 1957

"COMMUNICATIONS"

1. COMMUNICATIONS:

a. Assumptions:

It is assumed that the following conditions will exist:

- (1) The cryptographic systems employed will be; one time tape, with one time pad back-up.
- (2) Communications will be required between the Advance Base, Project Headquarters, and WRSP-3, Atsugi NAS, Japan.
- (3) Provisions will have been made for tape relay traffic to be filed and received through pre-established AACS facilities. Encryption and decryption will be performed in the Project Communications Center by Project personnel at the staging base. A patch circuit and priority will have been obtained through liaison with AACS Headquarters personnel. This circuit for use in communications with Project Headquarters.

b. Requirements:

(1) Personnel:

- (a) Two Electronics Technicians and two Cryptographers.

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(2) Miscellaneous:

(a) One Mill typewriter (portable) and
Communication Center expendable supplies in small amounts.

2. ELECTRONICS:

a. Assumptions:

(1) It is assumed that the following conditions will exist:
(a) Except for items of a minor nature, no maintenance facilities will be provided.

(b) Duplication of the Elint tapes will not be required.
(c) Systems I and III will be required.

(d) Conventional airborne communications and navigational equipment will consist of the AN/ARC-34 and AN/ARN-6. The U-2 aircraft will be fully equipped with electronics and communications equipment when it is dispatched to the advance base.

b. Requirements:

(1) Equipment:
(a) See Appendix 2, Annex "B", for a detailed list of equipment to be provided from Squadron resources.

3. RESPONSIBILITIES:

a. Communications:

(1) It will be the responsibility of the senior cryptographer to conduct liaison with the Base Communications Officer. After hours notification of action agency is mandatory upon receipt of Operational Immediate traffic.

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The senior cryptographer will insure that the procedures specified in USAF Supplement #1 to ACP 127(B) are followed. Standard patch procedures will apply to the patch circuit. Every precaution must be taken to insure that the principles of communications security are strictly observed.

b. Electronics:

(1) It will be the responsibility of the senior technician to insure that all communications and Elint equipment installed in the U-2 aircraft has been thoroughly checked out on the ground and properly pre-flighted in the aircraft.

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ANNEX "D"

OPERATIONS PLAN

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"SECURITY"

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Annex "D", Operations Plan 40-57
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"SECURITY"

1. MISSION:

a. To provide physical security for U-2 aircraft and other Task Force equipment enroute and at Advance Base. The latter will include facilities occupied or utilized by Task Force personnel at Advance Base.

b. To furnish advice and support in all other areas of customary concern to security, including operational, personnel, and administrative security. The latter to include cover considerations.

2. ASSUMPTIONS:

a. That Task Force security personnel will be supported in the conduct of perimeter protection by military police personnel of the staging base.

b. That Task Force personnel will have an exclusive work area, or, if necessary to share work space with other than Task Force personnel, that access to the work space can be rigidly controlled and is capable of being properly secured.

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3. GENERAL INSTRUCTIONS:

- a. The security component will consist of one Security Officer and six Investigators who will provide twenty-four hour coverage.
- b. The Security Officer will acquaint himself with conditions at the staging base which represent security hazards and brief all Task Force personnel accordingly.
- c. The Security Officer will designate couriers to accompany Take being returned to the Zone of Interior.
- d. The Security Officer will coordinate activities of the security component with appropriate agencies at the staging base.
- e. Equipment will be deployed as listed in Appendix 2, Annex "B".

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ANNEX "E"

OPERATIONS PLAN

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"MEDICAL/PERSONAL EQUIPMENT"

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Annex "E", Operations Plan 40-57
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"MEDICAL/PERSONAL EQUIPMENT"

1. MISSION:

a. To deploy sufficient personal equipment and technicians to an Advance Base, to support two U-2 pilots for approximately 30 days. Equipment deployed could be required to support three photographic sorties during the 30 day period.

2. ASSUMPTIONS:

a. Base medical personnel and facilities will be available for treatment of Task Force personnel.

b. Aviators breathing oxygen will be available at Advance Base.

c. A flight surgeon will be available for consultation on medical problems and will be present for take-offs and landings.

3. GENERAL INSTRUCTIONS:

a. One Personal Equipment Technician.

b. Equipment and supplies will be deployed as listed in Appendices 1 and 2, Annex "B", Logistics.

c. U-2 ferry pilot will arrive with complete pressure suit and accessories.

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ANNEX "F"

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"INTELLIGENCE"

(Not used in this plan)

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ANNEX "G"

OPERATIONS PLAN

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"ADVANCE PARTY STAGING BASE SURVEY"

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Annex "G", Operations Plan 40-57
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"ADVANCE PARTY STAGING BASE SURVEY"

1. The items listed below will be thoroughly checked to ascertain availability, serviceability and adequacy. Immediately upon completion of this check, all information will be furnished to the unit providing the Task Force, for their planning.

a. HOUSING

- 1) Housing will be required for ____ officers, ____ airmen, ____ civilians.
- 2) Are quarters clean ___, adequately furnished ___, are towels furnished daily ___?
- 3) Distance from quarters to work area is ____ miles.
- 4) Daily charge for quarters is ____.

b. MESSING FACILITIES

- 1) Is a 24 hours mess available ____ YES ____ NO.
- 2) Charge for breakfast is ___, charge for lunch is ___, charge for supper is ____.
- 3) Distance from mess to work area is _____. Distance from mess to quarters is _____.
- 4) Are special mess passes required for personnel eating after normal duty hours? If passes are necessary, obtain passes for ____ persons.

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c. TRANSPORTATION REQUIREMENTS

- 1) Arrange for utilization of the following vehicles:

1/4 ton 3/4 ton 2-1/2 ton Sedan

- 2) Arrange for 24 hour dispatch of these vehicles. If special passes are required to park vehicles at quarters, obtain permit for each assigned vehicle.

d. CLOTHING REQUIREMENTS

- 1) What is uniform requirement of the base Summer,
 Winter?

- 2) What type civilian clothing is worn Summer,
 Winter?

- 3) Will any special clothing or equipment be required?
(Mosquito nets, boots, parkas, etc.)

e. AUXILLARY EQUIPMENT

- 1) Is a 12 bottle high pressure oxygen cart available?
 Yes, No.

- 2) Are oxygen cylinders available? Yes, No.

- 3) Is a MA-2 power unit available? Yes, No.

- 4) Is a F-6 refueling unit available for our use?
 Yes, No.

- 5) Is LF-1A fuel available? How many gallons ?
How stored? Bulk or drum?

- 6) Are two (2) safes available for issue to the Task Force? Type required is three combination, fireproof type.

f. SPACE REQUIREMENTS

- 1) One hangar large enough to accomodate one U-2.

- 2) Will the Task Force have exclusive use of the assigned hangar?

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- 3) Are work benches available? If so - how many ___?
Are vises installed on the work benches?
- 4) Is the hangar adequately lighted for night operations?
- 5) Is 110 volt and 220 volt current available in the
hangar?
- 6) How many security personnel will be required to adequately
secure the hangar area?
- 7) Can the hangar provide approximately 14 x 30 feet of
office space for Operations/Personal Equipment utilization. If not,
this space will be required in another building located nearby.
- 8) Will a secure area be available in the Base Communications
building for exclusive use by Task Force Communications Personnel.

g. SECURITY REQUIREMENTS

1) What are base requirements for identification badges?
Will the Task Force NACA badges be accepted?

2) Is the flight line protected by a security fence?
Yes, No.

h. MAIL SERVICE

1) Arrange for assignment of a Post Office Box Number for
forwarding mail from home station to staging base.

i. SPECIAL STORAGE REQUIREMENTS

1) Is air conditioned storage and loading space available
for 100 cubic feet of film.

2) Is a dark room available in the hangar for the loading
of configurations?

3) Is a facility available for processing of 70MM tracker
and film clips?

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The following equipment is required:

| | <u>AVAILABLE</u> | |
|---|------------------|-----------|
| | <u>YES</u> | <u>NO</u> |
| One TG-26A (Reperferator/Transmitter-Distributor table mounted). | | |
| Two M-19's (teletype printer) | | |
| Two 131-B2 tables | | |
| Two TT-25/FG's (Tot Heads) | | |
| Two M-14 low base reperferators | | |
| | | |

k. WEATHER FACILITIES

- 1) What type facility is available? Operated by what service?
- 2) What are hours of forecasting?
- 3) Who commands local weather detachment, squadron and group?
- 4) What teletype circuitry is available to the Base Weather Facility.

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